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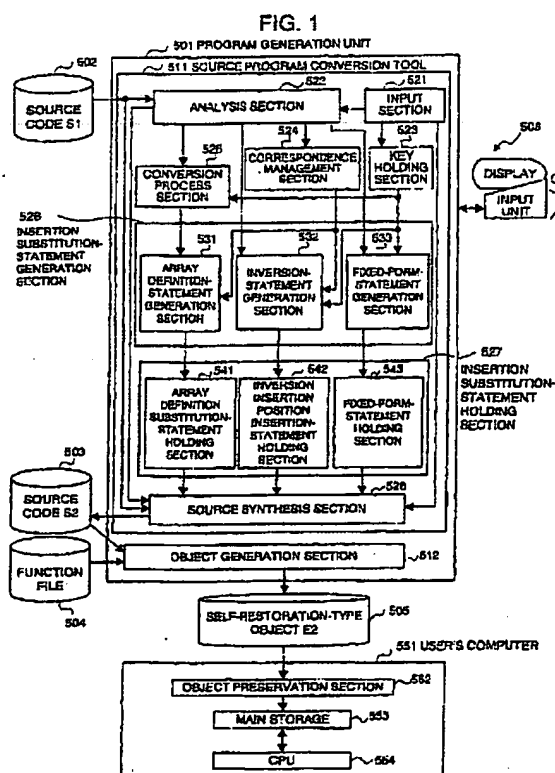
(30) Priority: 25.03.2002 JP 2002082931

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(54) Obfuscated source program, source program conversion method and apparatus, and source conversion program

(57) A source program conversion tool 511 substitutes for an initialization part of constant data to be included in a source code S1 an initialization part of alternative constant data converted to be in a situation in which decryption is difficult by a reversible conversion

process, and generates a source code S2 having a source of an inversion process for restoring original constant data from said alternative constant data inserted into a location before said constant data to which a reference is made (Fig.1).





European Patent
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EUROPEAN SEARCH REPORT

Application Number
EP 03 00 6750

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	US 6 266 416 B1 (HAGLUND MAGNE ARILD ET AL) 24 July 2001 (2001-07-24) * column 3, line 16 - line 49 * * column 5, line 3 - line 5 * * column 6, line 15 - line 53 * * figure 4 * -----	1-16	G06F1/00
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			G06F
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
Munich		18 June 2004	Anticoli, C
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 03 00 6750

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The members are as contained in the European Patent Office EDP file on
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18-06-2004

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 6266416	B1	24-07-2001	NO	952795 A	14-01-1997
			AT	233916 T	15-03-2003
			AU	713872 B2	09-12-1999
			AU	6535796 A	10-02-1997
			CA	2226386 A1	30-01-1997
			CN	1192814 A	09-09-1998
			DE	69626530 D1	10-04-2003
			DE	69626530 T2	13-11-2003
			DK	855052 T3	07-07-2003
			EP	1253503 A2	30-10-2002
			EP	0855052 A1	29-07-1998
			ES	2194109 T3	16-11-2003
			HK	1009533 A1	10-10-2003
			IL	122888 A	31-10-2000
			JP	11509023 T	03-08-1999
			WO	9703398 A1	30-01-1997
			NZ	313319 A	28-10-1999
			PL	324525 A1	08-06-1998
			PT	855052 T	30-06-2003
			US	2003190043 A1	09-10-2003

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82